

CKM @ A0 North –Instrumentation list – P.1

| Sensor name | Location | Model | Company | Range | Comment |
|-------------------|-------------------------------------|-----------------|--------------|--------------|-------------------------------|
| TN1 | Thermal shield- upstream | PT102 | Lake shore | 30 K-300 K | |
| TN2 | Thermal shield- downstream | PT102 | Lake shore | 30 K-300 K | |
| TNshield | Thermal shield | PT102 | Lake shore | 30 K-300 K | |
| TCD | He cooldown upstream | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | |
| Tsupply | JT valve downstream | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | |
| TX36 | Low pressure HX upstream | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | Installed by Bill Soyars |
| TX33 | Low pressure HX downstream | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | Installed by Bill Soyars |
| TX34 | JT valve upstream | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | Installed by Bill Soyars |
| THe1 | He vessel upper section | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | |
| THe2 | He vessel lower section | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | |
| THedummy | Dummy Helium vessel | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | |
| THeWC1 | Warm to cold transition-cavity | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | |
| THeWC2 | Warm to cold transition-RT | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | |
| THeC1 | Coupler-cavity | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | |
| THeC2 | Coupler_RT | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | |
| Tmotor | Cavity tuning motor | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | |
| Tpiezo | Cavity tuning piezo | CX-1050-SD-1.4L | Lake shore | 1.6 K-300 K | |
| JXE | Cavity heater | KHLV-105/10 | Omega | 50 W | |
| PI33 | Low pressure HX downstream | 722A12TGA2FJ | MKS | 0 - 100 torr | Installed by Bill Soyars |
| Preturn | Low pressure HX upstream | 722A12TGA2FJ | MKS | 0 - 100 torr | |
| PHe | Helium vessel | 722A12TGA2FJ | MKS | 0 - 100 torr | |
| FT1 | He Flow meter | FTB-941 | Omega | 0 - 5 g/s | From photon stop cryotest |
| LHe | LHe level indicator for cryostat ca | 6" level | AMI | 0 -100 % | |
| LLHV | LHe level indicator for He dewar | 3D-087 | Cryomagnetic | 0 - 34 " | already installed at A0 North |
| LN2 / DPNC | LN2 level indicator for N2 dewar | 239E | Setra | 0-1 psid | already installed at A0 North |

CKM @ A0 North –Instrumentation list – P.2

[illegible]